

**NOTES**

1. 1998 Series USGS Digital Orthophoto Quadrangles supplied by Michigan Center of Geographic Information.
2. Horizontal datum based on NAD 83/96.
3. Horizontal coordinates based on Michigan State Plane North.
4. Site Location - Project Site within Sections 2 and 11, T47N, R29W, Town of Humboldt, Marquette County, Michigan.
5. All Samples use Probable Effect Concentration.

**LEGEND**

- Soil Sample - Not Sampled for Parameter
- Soil Sample - Sample Below Probable Effect Concentration (111 mg/kg)
- Soil Sample - Sample Above Probable Effect Concentration (111 mg/kg)



Foth Infrastructure & Environment, LLC			
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**FIGURE 5-67**  
**HUMBOLDT MILL PROJECT - PHASE II ESA**  
**SURFACE WATER LOCATIONS**  
**CHROMIUM IN SEDIMENT AUGUST 2006**

Scale: 1:500 3,000 Feet

Prepared by: DAT Date: MARCH 2009 Project No: 06W003









# NOTES

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2. Horizontal datum based on NAD 83/96.
3. Site Location - Project Site within Sections 2 and 11, T47N, R29W, Town of Humboldt, Marquette County, Michigan.
4. All Samples use Probable Effect Concentration.

## LEGEND

- Soil Sample - Not Sampled for Parameter
- Soil Sample - Sample Below Probable Effect Concentration (149 mg/kg)
- Soil Sample - Sample Above Probable Effect Concentration (149 mg/kg)



## Foth Infrastructure & Environment, LLC

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**FIGURE 5-69**  
HUMBOLDT MILL PROJECT - PHASE II ESA  
SURFACE WATER LOCATIONS  
COPPER IN SEDIMENT AUGUST 2006

Scale:	1,500 Feet	Date:	MARCH 2009
Prepared by:	DAT	Project No:	06W003









#### NOTES

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- Horizontal datum based on NAD 83/96.
- Horizontal coordinates based on Michigan State Plane North.
- Site Location - Project Site within Sections 2 and 11, T47N, R29W, Town of Humboldt, Marquette County, Michigan.
- All Samples use Probable Effect Concentration.

#### LEGEND

- Soil Sample - Not Sampled for Parameter
- Soil Sample - Sample Below Probable Effect Concentration (48.6 mg/kg)
- Soil Sample - Sample Above Probable Effect Concentration (48.6 mg/kg)



#### Foth Infrastructure & Environment, LLC

REVISED	DATE	BY	DESCRIPTION

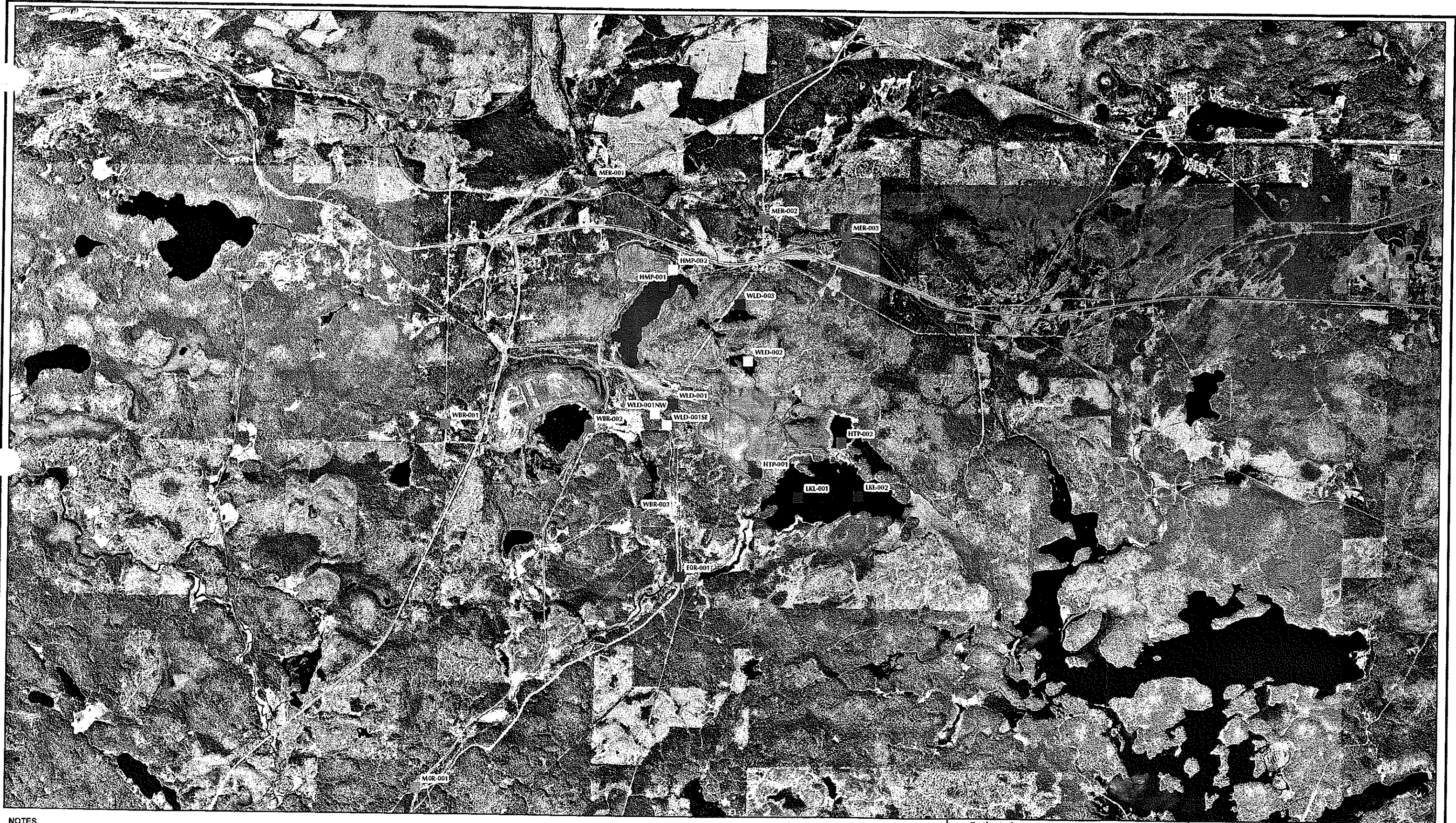
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#### FIGURE 5-71 HUMBOLDT MILL PROJECT - PHASE II ESA SURFACE WATER LOCATIONS NICKEL IN SEDIMENT AUGUST 2006

Scale: 0 1,500 3,000 Feet	Date: MARCH 2009
Prepared by: DAT	Project No: 06W003





#### NOTES

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- Horizontal datum based on NAD 83/96.
- Horizontal coordinates based on Michigan State Plane North.
- Site Location - Project Site within Sections 2 and 11, T47N, R29W, Town of Humboldt, Marquette County, Michigan.
- All Samples use EPA RCRA Environmental Screening Level.

#### LEGEND

- Soil Sample - Not Sampled for Parameter
- Soil Sample - Sample Below EPA RCRA Environmental Screening Level (0.5 mg/kg)
- Soil Sample - Sample Above EPA RCRA Environmental Screening Level (0.5 mg/kg)



#### Foth Infrastructure & Environment, LLC

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**FIGURE 5-72**  
**HUMBOLDT MILL PROJECT - PHASE II ESA**  
**SURFACE WATER LOCATIONS**  
**SILVER IN SEDIMENT AUGUST 2006**

Scale: 1" = 1,500 Feet  
 Date: MARCH 2009  
 Prepared by: DAT  
 Project No: 06W003